

ORIGINAL

APPLICATION FOR NEW BROADCAST STATION LICENSE
(Please carefully read instructions before filling out Form—
RETURN ONLY FORM TO FCC)

For Commission Use Only

File No. **BK-850802AF**

SECTION I General Data

Legal Name of Applicant

Mailing Address

WAYB P.O. Box 40

City

State

ZIP Code

Telephone No.

Waynesboro

Va.

22980

(Include Area Code)
703-943-9292

1. Facilities authorized by construction permit

This application is for:

Direct Measurement of Power

☒ Commercial

☐ Noncommercial

☒ AM

☐ FM

☐ TV

Call Letters	Community of License	Construction Permit File No.	Modification of Construction Permit File No(s).	Expiration Date of last Construction Permit
WAYB	Waynesboro, Va.			

2. Is the station now operating pursuant to automatic program test authority in accordance with Section 73.1620 of the Commission's Rules?

☐ YES ☐ NO

If No, explain.

3. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☐ YES ☐ NO

If No, state exceptions.

4. Apart from changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would cause any statement or representation contained in the construction permit application to be now incorrect?

☐ YES ☐ NO

If Yes, explain.

THE APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

THE APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and all exhibits are a material part hereof and are incorporated herein.

CERTIFICATION

I certify that the statements in this application are true, complete and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 25th day of July, 19 85.

Waynesboro Broadcasting Corporation

Name of Applicant

1304 Ivy St., Waynesboro, Va.

Signature

Vice Pres./Gen. Manager

Title

WILLFUL FALSE STATEMENTS MADE
ON THIS FORM ARE PUNISHABLE
BY FINE AND IMPRISONMENT, U.S.
CODE, TITLE 18, SECTION 1001.

Name of Applicant

Waynesboro Broadcasting Corporation

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☐ Station LicenseAnswer Items
1-9☒ Direct measurement of power

1, 2, 6, 7, 8 and 10

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit	Frequency	Hours of operation	Power in kilowatts	
WAYB		1490 kHz	Unlimited	Night 1 kw	Day 1 kw

2. Station location

State Virginia	City or town Waynesboro
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3. Transmitter location

State Virginia	County Augusta	City or town Waynesboro	State address (or other identification) 1304 Ivy Street
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4. Main Studio location

State Same as Transmitter	County Same as Transmitter	City or town Same as transmitter	Number and Street
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5. Remote control point location (only if authorized)

State	City or town	Street address (or other identification)
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6. Operating constants:

RF common point or antenna current without modulation for night power in amperes 2.86 amps	RF common point or antenna current without modulation for day power in amperes 2.86 amps
Actual measured antenna or common point resistance (in ohms) at operating frequency Night 122.0 ohms Day 122.0 ohms	Actual measured antenna or common point reactance (in ohms) at operating frequency Night Day

Antenna monitor indication for directional operation

Tower	Phase reading in degrees		Antenna base current		Antenna monitor sample current ratio	
	Night	Day	Night	Day	Night	Day

Manufacturer and type of antenna monitor:

7. Description of antenna system

(If directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary. Height figures should not include obstruction lighting.)

Type radiator Vertical	Height in feet of complete radiator above base insulator, or above base if grounded. 180 ft.	Overall height in feet above ground (without obstruction lighting) 185 ft.	If antenna is either top loaded or sectionalized, describe fully in Exhibit No. _____
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Excitation

☒ Series☐ Shunt

Geographic coordinate to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North latitude

38° 04' 42"

West longitude

78° 53' 47"

If not fully described above, attach as Exhibit No. ____ further details and dimensions including any other antenna mounted on tower and associated isolation circuits. Also, if necessary, for a complete description attach as Exhibit No. ____ a sketch of the details and dimensions of ground system.

8. Antenna resistance measurement

Attach as Exhibit No. ____ the following:

- | | |
|---|--|
| (a) Qualifications of persons taking measurements. | (d) Manufacturer's name of each calibrated instrument used and manufacturer's rated accuracy |
| (b) Schematic diagram showing clearly all components of coupling circuits, point of resistance measurements, location of antenna ammeter, connection to and characteristics of all tower lighting isolation circuits, static drains, and any other fixtures, lines, etc. connected to or supported by the antenna, including other antennas, and associated circuits. | (e) Date, accuracy, and by whom each instrument was last calibrated. |
| (c) Full description of method used to make measurements. | (f) Table of complete data taken. |
| | (g) The graph drawn of 10 to 12 readings in a band 50 to 60 kilohertz wide with the operating frequency near the center. |

9. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

Remote Antenna and Coax

Obstruction lights and AC feed lines were removed

10. Give reasons for the change in antenna or common point resistance.

See #9

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Date 7-24-85

Name G. E. Channells
(Please Print or Type)

703-943-9292
Telephone No. (Include Area Code)

Signature G E Channells
(Check appropriate box below)

Rt. 1 Box 446
Address (Include ZIP Code)

Waynesboro, Va. 22980

☐ Technical Director

☐ Registered Professional Engineer

☒ Chief Operator

☐ Technical Consultant

☐ Other (specify)

Waynesboro's
First Station
Since 1947



Personality
Radio

1304 Ivy Street • P. O. Box 40 • Waynesboro, Virginia 22980 • 703-943-WAYB (943-9292) or 703-886-8329

ENGINEERING STATEMENT REGARDING
AN APPLICATION FOR DIRECT MEASUR-
MENT OF POWER RADIO STATION WAYB
WAYNESBORO BROADCASTING CORP.
WAYNESBORO, VIRGINIA

1490 kHz

1 kW

ND

This Engineering Statement is prepared on behalf of Waynesboro Broadcasting Corporation, licensee of Radio Station WAYB, Waynesboro, Virginia. Radio Station WAYB is a Class IV station operating on the assigned frequency of 1490 kHz.

The purpose of this report is to submit the necessary data to support an application for direct measurement of power following the removal of a Communications Antenna. COMMUNICATIONS PRODUCTS 67-509 Coaxial and the coax feedline. Also the obstruction lights at the 60 & 120 ft level, the AC romax feed for the beacon and obstruction lights was also removed. The measurements enclosed herein show that the tower impedance as now measured is $122.0 + j183.3$ requiring a base current for 1 kW of 2.86 Amps.

Table 1 is a tabulation of the base impedance measured approximately $+ / - 30$ kHz from the operating frequency of 1490 kHz.

Figure 1 is a graph of the above measured data.

Figure 2 is a sketch of the Antenna showing the Remote Pickup antenna removed.

The equipment used was.

Delta Bridge S.N. 801

Delta Receiver/Generator RG-1 S.N. 117

All measurements were made on the morning of June 8, 1985 by Charles Ellsworth Neff Chief Engineer of WSVB/WQPO Harrisonburg Va. and G. E. Channells Chief Engineer of WAYB Waynesboro, Va.

Charles Ellsworth Neff
Charles Ellsworth Neff

G. E. Channells
G. E. Channells

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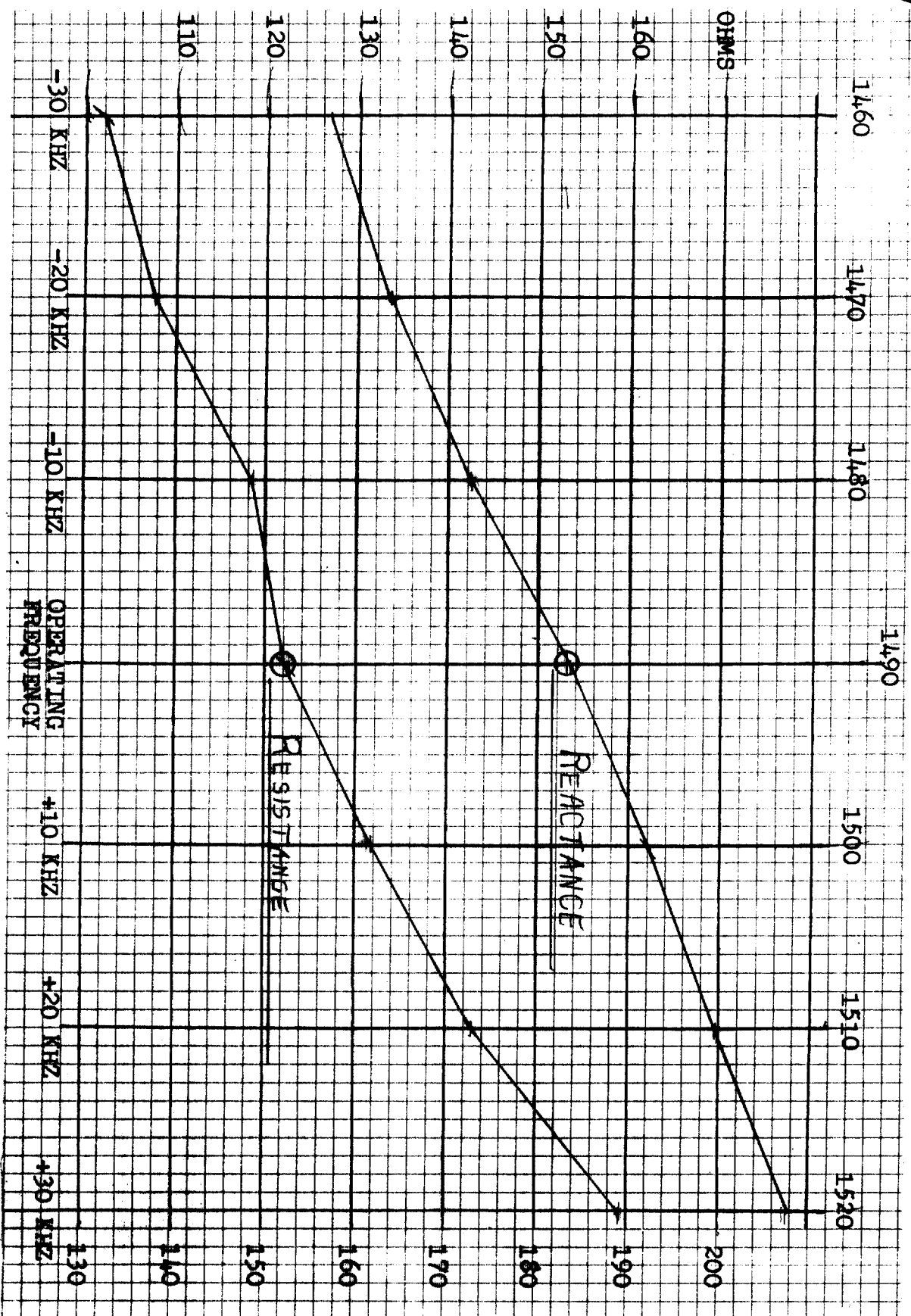
TABLE 1
NON-DIRECTIONAL BASE IMPEDANCE
Station WAYB
1490 kHz 1 kw ND

Frequency	Resistance	Reactance
1460	102.0 ohms	+ J156.9 ohms
1470	107.7	+ J163.8
1480	118.2	+ J172.2
1490 <u>/1</u>	122.0	+ J183.3
1500	130.9	+ J192.0
1510	142.8	+ J199.7
1520	159.6	+ J207.7

/1 Operating frequency

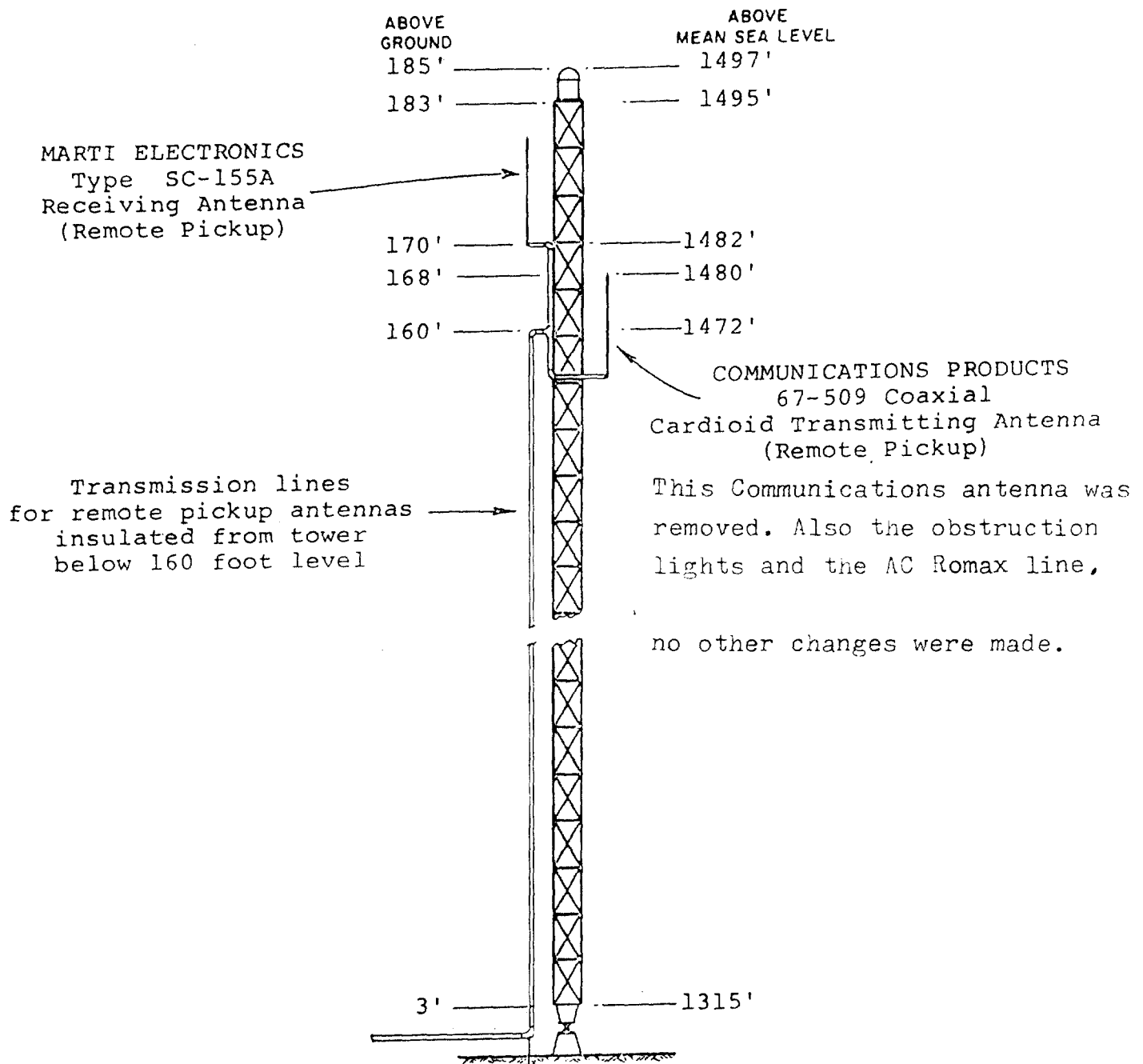
G. E. Channells ce.

FIGURE #1



86 Channel, cl.

FIGURE #2



ELEVATION

NO CHANGE IN OVERALL HEIGHT
OR LOCATION OF THIS EXISTING TOWER
WAYB, WAYNESBORO, VIRGINIA

Approved by GAO
B180227(R0372)

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

APPLICATION FOR RENEWAL OF LICENSE FOR
COMMERCIAL AM OR FM RADIO BROADCAST STATION

RECEIVED

PART I - GENERAL INFORMATION

1. NAME OF APPLICANT Waynesboro JUN 1 1981

Broadcasting Corporation

STREET ADDRESS

1304 Ivy Street

FCC

Office of the Secretary

CITY

Waynesboro

STATE

Virginia

ZIP CODE

22980

Send notices and communications to the following-named person at the address indicated below:

NAME

Dennis G. Royer, Sr., P.O. Box 40
Waynesboro, Virginia 22980

STREET ADDRESS

1304 Ivy Street

CITY

Waynesboro

STATE

Virginia

ZIP CODE

22980

2. RENEWAL REQUESTED FOR FOLLOWING EXISTING FACILITIES

CALL LETTERS

WAYB

FREQUENCY

1490

CHANNEL NO.

POWER IN KILOWATTS

NIGHT

.25 kw

DAY

1. kw

HOURS OF OPERATION

☒ Unlimited

☐ Daytime only

☐ Limited

Sharing with (specify stations)

None

Other (specify)

None

STATION LOCATION

CITY

Waynesboro

STATE

Virginia

3. RENEWAL IS ALSO REQUESTED FOR THE FOLLOWING:

AM

FM

DAY NIGHT

AUXILIARY ANTENNA

AUXILIARY TRANSMITTER

☒ ALTERNATE TRANSMITTER

SUBSIDIARY COMM. AUTHORIZATION

PART II - LEGAL

4. Is applicant's Ownership Report (FCC Form 323) filed with this application as EXHIBIT 4? Filed April 8, 1981

☒ YES

☒ NO

WAYB

If NO, give the date of filing of the last Ownership Report and the station's call letters of the renewal application with which it was filed.

5. Is the applicant in compliance with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to the interests of aliens and foreign governments?

☒ YES

☐ NO

6. Is the applicant or any officer, director, or principal stockholder (any person owning 25% or more of applicant's stock) an officer, director, or 25% or more stockholder in a newspaper publishing company, a CATV company, or a company engaged in broadcasting related activities?

☐ YES

☒ NO

If YES, attach as EXHIBIT 6 a complete listing and description of these interests.

File No. BR810601VK

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7. Since the filing of the applicant's last renewal application for this station or other major application, has an adverse finding been made or final action been approved by any court or administrative body with respect to the applicant or parties to the application concerning any civil or criminal suit, action, or proceeding, brought under the provisions of any federal, state, territorial or local law relating to the following: any felony; lotteries; unlawful restraints and monopolies; unlawful combinations, contracts or agreements in restraint of trade; the use of unfair methods of competition; fraud; unfair labor practices; or discrimination?

☐ YES ☒ NO If YES, attach as EXHIBIT 7 a full description, including identification of the court or administrative body, proceeding by file number, the person and matters involved, and the disposition of the litigation.

PART III - ENGINEERING

8. Are the following technical reports completed and available for Commission inspection?

YES ☒ Equipment performance measurements for each main and alternate transmitter made within four months of the filing date of this application.

YES ☐ For directional AM stations operated by remote control: Annual skeleton proofs of antenna performance made during the past license term.

NO ☐ DOES NOT APPLY

YES ☐ For directional AM stations operated by lesser grade operators: At least one partial proof of antenna performance made during the past three years, and skeleton proofs made the other two years.

NO ☐ DOES NOT APPLY.

9. Transmitters (Main and Alternates)

Manufacturer and Type No.

1. Collins 820 D-1

2. Gates M-5790 BC-1T

3.

Use (i.e. Main or Alternate)

(1.)

(2.)

(3.)

Total plate current to last radio stage in amperes

490 Ma

565 Ma

Plate voltage applied to last radio stage in volts

3000

2600

Efficiency factor F of the transmitter at operating power

68%

68%

Transmitter power output in kilowatts

1 kw

1 kw

AM: Antenna or common point ammeter reading in amperes

2.75

2.75

10. Directional Antenna Operating Values (AM only)

Tower	Phase Reading in Degrees	Antenna Base Current				Remote Indications of Antenna Current			
		Day		Night		Day		Night	
		Day	Night	Value	Ratio	Value	Ratio	Value	Ratio
1									
2									
3									
4									
5									
6									

(b) Identify by manufacturer and type the antenna monitor used to take the above readings:

(c) Are monitoring point values within limits specified in the station license?

☐ YES ☐ NO

If NO, attach as EXHIBIT 10 a complete explanation and a statement of what is being done to correct it.

I certify that I represent the applicant in the capacity indicated below, that I have examined the statements made in response to questions 8 through 10 above, and that they are true to the best of my knowledge and belief.

Signature GE Charnick Telephone 703-943-9292 (Include area code)

☒ Technical Director

☐ Consulting Engineer

☐ Chief Operator

☐ Registered

Professional Engineer

PART IV - PROGRAMMING

11. Has the applicant placed in its public inspection file at the appropriate time the required documentation relating to its efforts to determine the community problems, needs, and interests?

☐ YES ☐ NO If NO, attach as EXHIBIT 11 a complete statement of explanation.

☐ DOES NOT APPLY.

12. Attach as EXHIBIT 12 applicant's community leader checklist for the preceding license term.

☐ DOES NOT APPLY.

13. Has the applicant placed in its public inspection file at the appropriate times its annual list of those problems, needs and interests which, in the applicant's judgment, warrants treatment by station and typical and illustrative programming in response thereto?

☒ YES If YES, attach those listings as EXHIBIT 13.

☐ NO If NO, attach as EXHIBIT 13 a complete statement of explanation.

14. (a) Attach as EXHIBIT 14 one exact copy of the program logs for the composite week used as a basis for responding to the questions herein. Applicants utilizing automatic program logging devices must comply with the provisions of Sections 73.112(f) and 73.282(f) of the Commission's rules.

(b) PROGRAM TYPES	Previously Proposed		Composite Week Performance		Minimum Proposed	
	Minutes of Operation	% of Total Time	Minutes of Operation	% of Total Time	Minutes of Operation	% of Total Time
(1) News						
(2) Public Affairs						
(3) All other programs, exclusive of enter- tainment and sports						
TOTALS						
(4) Public Service Announce- ments	Number		Number		Number	

15. Attach as EXHIBIT 15 those programs in the composite week included in the public affairs and "all other" program categories (Lines 2 and 3 of the above chart), indicating the title, source, type, brief description, time broadcast and duration of each program.

16. Did the amount of time applicant devoted to non-entertainment programming (Lines 1, 2 and 3 of the above chart) during the composite week vary substantially from the representations made in applicant's last application?

☐ YES ☐ NO If YES, attach as EXHIBIT 16 a statement explaining the variations.

17. State the number of 60-minute segments in the composite week (beginning with the first full clock hour and ending with the last clock hour of each broadcast day) containing over 18 minutes of commercial matter; segments. List in EXHIBIT 17 each segment and the day and time broadcast with headings of "Amount of Commercial Time in Segment" and "Day and Time Broadcast".

18. Do the applicant's commercial practices during the composite week vary from the representations made in applicant's last application?

☐ YES ☐ NO If YES, explain in EXHIBIT 18 the variations and the reasons therefor.

19. State the maximum amount of commercial matter applicant proposes normally to allow in any 60-minute segment (Minutes:). State the percentage of hourly segments per week this amount is expected to be exceeded (%), and the limits per hourly segment that would then apply under those circumstances to regular commercial (Minutes:) and to political commercial matter (Minutes:) occurring in (% of total operating hours during pre-election periods.

20. Describe briefly applicant's program format(s) during the past 12 months: **Adult Contemporary**

Describe briefly applicant's proposed format: **Same**

21. Does the applicant's station duplicate the programming of another radio station?

☐ YES ☒ NO If YES, state:

(a) the call letters of the duplicated station _____

(b) the population of the community of license of the duplicated station _____

(c) the population of the community of license of the station for which renewal is requested _____

(d) the total number of broadcast hours in the composite week _____

(e) the amount of programming duplicated during the composite week _____ %

22. Attach as EXHIBIT 22 any additional information which, in applicant's judgment, is necessary to adequately describe or to present fairly its services and operations in relation to the public interest.

PART V - EQUAL EMPLOYMENT OPPORTUNITY

23. Attach as Exhibit 23 a description of the program the applicant proposes to follow during the coming license term and, where applicable, the program implemented during the preceding license term to assure equal employment opportunity for minorities and women.

24. Attach as EXHIBIT 24 a brief description of any complaint which has been filed before any body having competent jurisdiction under federal, state, territorial or local law, alleging unlawful discrimination in the employment practices of the station, including the persons involved, the date of filing, the court or agency, the file number (if any), and the disposition or current status of the matter.

THE APPLICANT hereby waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States, because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act.)

THE APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in the application.

CERTIFICATION

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 27 day of May, 19 81.

Waynesboro Broadcasting Corporation

NAME OF APPLICANT

BY SIGNATURE

PRESIDENT

TITLE

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE, TITLE 18, SECTION 1001.

FCC NOTICE TO INDIVIDUALS

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose(s) for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, accountants, engineers, and application examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552 a (e) (3).



